IN THE CLAIMS

Kindly amend Claim 1 as shown in the following claim listing:

1.(currently amended) An integrated circuit (100), comprising:

an external power supply line (130);

an internal power supply line (120);

a circuit portion (102) coupled to the internal power supply line (120);

an enable transistor (104) for coupling the internal power supply line (120) to the external power supply line (130); and

control means (150, 160) coupled to a gate of the enable transistor (104) for switching the enable transistor (104) to a conductive state with a first gate voltage, and to a non-conductive state with a second gate voltage,

characterized in that the control means (150, 160) are arranged to reduce a leakage current through the enable transistor (104) in the non-conductive state by biasing the gate with the second gate voltage, which is obtained from a back bias power supply line (140) which is separate from said external power supply line (130).

2.(original) An integrated circuit (100) as claimed in claim 1, characterized in that the control means (150) comprise a further transistor (154) having a substrate that is conductively insulated from a bulk substrate of the integrated circuit, the substrate being coupled to a bias voltage source (170), and the further transistor (154) being responsive to a control signal for switching the enable transistor (104) to a non-conductive state.

3. (original) An integrated circuit (100) as claimed in claim 2, characterized in that the bias voltage source (170) comprises a backbias generator being responsive to the control signal.

4. (original) A battery-powered electronic device (200), comprising a power supply line (230) coupled to a contact (222) of a battery container (220), characterized in that the power supply line (230) is coupled to an external power supply line (130) of an integrated circuit (100) according to claim 1.